

SANDWICH PANEL WITH INTERIOR BARRIER

ABSTRACT OF THE DISCLOSURE

[0055] Composite sandwich panels that include a core having a permeable body that is sandwiched between two skins. An internal barrier is located between the skins and the core to provide an impermeable chamber surrounding the permeable core. The chamber is pressurized during formation of the panel to provide an interior counter pressure against the mold/press used to form the panel. The counter pressure applied by the chamber reduces the amount of voids in the skins and improves the surface finish of the skins. In addition, the impermeable material remains within the finished panel to provide an internal barrier surrounding the core.